Production Engineering - Medical Equipment Division

PEMED home page**6035 E. 38th Avenue, Denver, Colorado 80207 USA (303) 393-7800 FAX (303) 393-1482**

Arthroscopy, systems and accessories

To get this entire section as a printable PDF document click here

---

Lapro/Arthro/endoscopy tower - $5,500

List: $$26,300. MedCon: EX. Dyonics laproscopy / arthroscopy endoscopy system. All equipment is wired for 100-240 V, 50/60 Hz.

Features:

- Smith & Nephew 460P digital 3-chip video camera system
  - camera head with coupler and M, L and R buttons
  - camera console has menu select, white balance, brightness and enhancement increase/ decrease arrows
  - custom camera settings
  - programs for zoom, white set, enhancement, brightness, procedure, button setup, language, and program
  - selectable procedures include cystoscopy, laproscopy, arthroscopy, flexible scope filter A, flexible scope filter B, custom 1, custom 2, and ENT
  - microphone
  - camera connection port
  - back of unit has I/O panel with connector for RGB and sync outputs, interface/progressive toggle
- Dyonics 300XL xenon light source
  - auto and manual light intensity control
  - light port for ACMI, Olympus, Storz and Wolf fiber optic cable configurations (cable included)

    - back of unit has video in connector
- Smith & Nephew 660HD image management system
    - patient data input
    - system tools include PiP, factory defaults, screen calibration, network connectivity, printers, and system configuration
    - video settings with capture and display options
    - output to flat panel monitor
- National Display Systems15 inch color flat screen monitor, model V3C-X15-R210
- Dyonics laparoscopic insufflator, ref. 7205362.
    - adjustable flow rate knob, 0-15 L/min
    - adjustable abdominal pressure knob, 0-25 mm Hg
    - digital display of volume delivered, flow rate (actual/set point toggle) and pressure (actual/set point toggle)
    - gas bottle volume bar graph and low alarm
    - power on/off power switch with green indicator light
    - gas inlet connector on back of instrument; CO2 gas bottle tubing and flow regulator included
    - gas output nipple on front of instrument, 2200 psi/150 Bar max
- modular cart
    - front-locking casters
    - lipped top holds monitor
    - four equipment shelves
    - open back for equipment access
    - gas tank holder
    - power bar with 8 AC outlets and 14.5 foot power cord
- Sony PVM-20M2MDU 19-inch diagonal color monitor
    - line A and B video in and out
    - RGB components in and out
    - external sync in and out
    - connections for remotes
- Hewlett-Packard DeskJet 6540 printer

	Dyonics camera controller Dyonics light source (shown with fiber optic cable)		Hewlett-Packard DeskJet 6540 printer
	Dyonics camera head		locking supply drawer, cables, and Instruction Manual for insufflator

pemed.com
© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue Denver, Colorado 80207 Phone (303) 393-7800 http://www.pemed.com email: markz@pemed.com

	Sony PVM-20M2MDU monitor showing image taken with Dyonics camera		Image Management System patient data screen
	Sony PVM-20M2MDU monitor view of control panel		Image Management System system tools
	Sony PVM-20M2MDU monitor view of back I/O panel		Image Management System video settings
	Dyonics laparoscopic insufflator		

Overall dimensions of the cart:

- width: 25.5 in. flat screen monitor adds another 11.5 inches
- depth: 22
- height: 57, 74.5 with monitor

Shipping weight is about 400 pounds.

Laproscopy / arthroscopy system, 7 scopes - $9,000

List: $76,200. MedCon: EX. Dyonics laparoscopic and arthroscopic system, with 7 scopes.

Features:

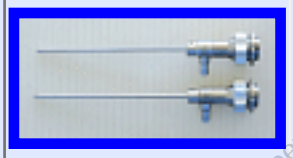
- Dyonics digital 3-chip video camera system, 100-120 V, 60 Hz.
  - camera head with acquire button
  - scope coupler, C mount, ref 7204823
  - camera console has shutter control (auto, manual and light intensity bar graph) and camera set-up control buttons
  - back of unit has I/O panel with connector for character generator, light source out, video

in and out, RGB and sync output

- Dyonics AutoBrite Illuminator II light source 120 V, 50/60 Hz.
  - auto and manual light intensity control
  - light port for Dyonics fiber optic cable (cable included)
  - back of unit has video in connector for auto mode intensity control
- Dyonics EP-1 endoscopic powered instrument controller, ref. 7205365. 100-240 V, 50/60 Hz.
  - two Dyonics arthroscopic shaver handpieces, refs. 7205355 and 7205357 (small joints)
  - two connection ports for EP-1 handpieces with a and b toggle
  - increase/decrease speed adjustment touch buttons
  - digital display window show actual speed and min and max for the selected handpiece
  - footswitch with forward, reverse, oscillate and window lock buttons
  - power on/off power switch with green indicator light
  - pull-out chart with error codes
  - 25-pin RS-232C connector
- Dyonics laparoscopic insufflator, ref. 7205362. 100-240 V, 50/60 Hz.
  - adjustable flow rate knob, 0-15 L/min
  - adjustable abdominal pressure knob, 0-25 mm Hg
  - digital display of volume delivered, flow rate (actual/set point toggle) and pressure (actual/set point toggle)
  - gas bottle volume bar graph and low alarm
  - power on/off power switch with green indicator light
  - gas inlet connector on back of instrument; CO2 gas bottle tubing and flow regulator included
  - gas output nipple on front of instrument, 2200 psi/150 Bar max
- laparoscopes and arthroscope (usable with included camera coupler and Dyonics fiber optic cable except as noted below)
  - Dyonics 30° laparoscope, ML29411, 10 mm, 32.5 cm shaft
  - Dyonics 30° laparoscope, 7208129, 10 mm, 32.5 cm shaft
  - Dyonics 0° laparoscope, ref. 8000, 10 mm, 32.5 cm shaft
  - Olympus 0° laparoscope, A5287, 10 mm, 32.5 cm shaft (needs adapter to fit optic cable)
  - Dyonics 70° laparoscope, ref 3628, 4 mm, 15.5 cm shaft (needs coupler to fit camera)
  - Dyonics 30° laparoscope, ref 3626, 4 mm, 15.5 cm shaft (needs coupler to fit camera)
  - Stryker 30° arthroscope, 502-477-031, 4 mm 14.0 cm shaft
- Medi-Mech model 35000 cart
  - four locking casters
  - monitor pedestal with arms for adjusting the lateral viewing angle
  - five stationary shelves
  - front door of smoky acrylic (shown open in photo above)
  - back door for equipment access
  - gas tank holder
  - transport handles
  - iv pole
  - power bar with 6 AC outlets

pemed.com © Copyright 1995 - 2012 by PEMED® Production Engineering. PEMED® is a registered trademark of Production Engineering. All rights reserved. 6035 E. 38th Avenue Denver, Colorado 80207 Phone (303) 393-7800 FAX (303) 393-1482 http://www.pemed.com email: markz@pemed.com

- Sony PVM-20L2MD 19-inch diagonal color monitor, 100-240 V 50/60 Hz.
  - line A and B video in and out
  - RGB components in and out
  - external sync in and out
  - connections for remotes

	Dyonics camera head (shown with coupler and scope) Dyonics camera controller Dyonics light source (shown with fiber optic cable)		Sony PVM-20L2MD monitor view of back I/O panel
	camera controller, back view		Medi-Mech model 35000 cart back view
	Dyonics EP-1 arthroscopic power system, two handpieces and footswitch		10 mm laparoscopes, 0 and 30°
	Dyonics laparoscopic insufflator		4 mm laparoscopes, 30 and 70°
	Sony PVM-20L2MD monitor view of control panel		4 mm arthroscope

Overall dimensions of the cart:

- base: 30 x 31.5 in.
- height: 76 (with monitor)

Shipping weight is about 400 pounds.

Surgical telescope warmer - $750

List: $2,300. MedCon: VG. Olympic TSH telescope heater. 120 V, 50-60 Hz.

Features:

- four telescope ports
- temperature indicator lights; under/normal/over
- tilt base or horizontal view
- power on/off rocker switch with green indicator light
- 14-foot power cord with hospital grade plug

Overall dimensions of the unit:

- width: 9.25 in.
- depth: 13
- height: 4

Shipping weight is about 12 pounds.

Arthroscopy shaver system- $1,975 each

List: $12,300. MedCon: VG. Stryker SE3 Arthroscopy system. 120 V, 60 Hz.

Features:

- Stryker SE3 shaver handpiece
- console has connectors for two handpieces; 11-pin and 4-pin
- increase/decrease arrows set speeds in high and low modes; bar graph and digital displays of speed
  - maximum speed in low range is 1050 rpm
  - maximum speed in high range is 2700 rpm
- forward/ reverse/oscillate modes
- Stryker 266-703 electric footswitch

Overall dimensions of the unit:

- width: 9.5 in.
- depth: 14.25
- height: 5

Shipping weight is about 30 pounds. 2 units in stock.

Arthroscopic irrigation console - $375 each

List: $3,300. MedCon: VG. Linvatec C7100A universal irrigation console. 90-240 V, 50/60 Hz.

Features:

- version 3.3 firmware
- peristaltic pump with 0.75 inch rollers uses fluid cassette
- door open button and automatic cassette locking mechanism
- increase/decrease arrows for setting pressure and outflow
- auto/manual toggle for suction modes
- message and help display window
- power on/off rocker switch with green indicator light
- 11-pin connector for accessories on front of unit
- 9-pin com in and com out ports on back of unit
- universal power cord

Overall dimensions of the unit:

- width: 15 in.
- depth: 17
- height: 5

Shipping weight is about 22 pounds. 3 units in stock.

Arthroscopic Trocar and Cannula set - $2,475 takes all

List: $37,300. MedCon: G. Arthroscopic trocars and cannulas. A collection of loose stock that we've grouped together for a bulk sale. Includes products from Wolf, Stryker, Storz, Olympus, 3M and Eder. There ARE more pieces from Olympus than from the other manufacturers. Size range of trocars, 3-10 mm diameter.

Representative examples of the contents. Clockwise from the upper right are sets from Wolf, Stryker,

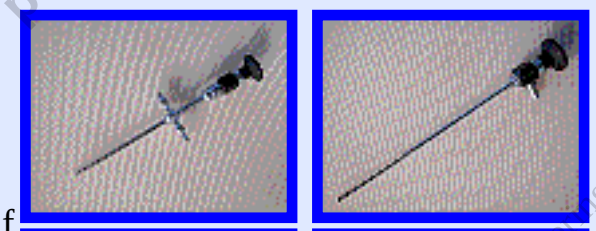
Storz, and Olympus.

Shipping weight is about 15 pounds.

Surgical telescopes / Arthroscopes - $975 each

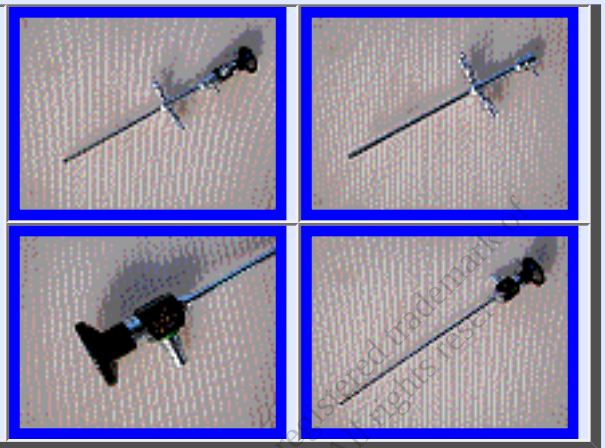
List: $3,275 each. MedCon: VG. Surgical Arthroscopes, with sheaths. Full view down interior of scope. has connection for fiber optic cable, so a light source can provide illumination at the end of the scope.

30 degree. made by Zimmer / Wolf



70 degree, made by Zimmer / Wolf

© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue
Denver, Colorado 80207
USA
Telephone (303) 393-7800
FAX (303) 393-1482
http://www.pemed.com
email: markz@pemed.com
pemed.com

0 degree, made by Wolf	

Shipping weight is about 5 pounds each. 1 of each scope in stock.

Needle arthroscope - $1,750

List: $7,270. MedCon: EX. Needle arthroscope, 5 degree, 2.0 mm diameter. Richard Wolf catalog number 8860.31, with sterilization case.

Has connections for light supply cable, and suction/ fluids.

Shipping weight is about 3 pounds.

Arthroscopy pump - $1,475

List: $7,300. MedCon: VG. Stryker Flo Control arthroscopy pump. 100-240 V, 50-60 Hz.

Features:

- front-mounted peristaltic pump
- LCD window displays flow and pressure

- user menu
  - wash pressure
  - wash time
  - display pressure (digits or bar graph)
  - language (English, Francais, Espanol, Deutsch)
  - loudness
  - inflow threshold
  - inflow threshold knee
  - inflow threshold shoulder
  - inflow threshold small
- 7-pin footswitch connector (footswitch not included)
- back of the unit has 9-pin port and Sidne Smart connector

Overall dimensions of the unit:

- width: 12.5 in.
- depth: 17.5
- height: 8.5

Shipping weight is about 26 pounds.

Arthroplasty arthroscopy system - $3,475

List: $15,675. MedCon: VG. Stryker arthroplasty system.

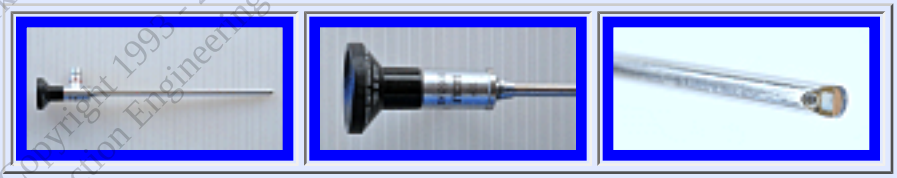
Contents:

- Stryker MicroElectric Arthroplasty System power console, model 277-702
  - dimensions are 10.25 x 8 x 3.25 inches
  - variable speed slider switch with bar graph
  - red indicator lights for oscillate function, footswitch connected, and handpiece connected
  - power on/off rocker switch with green indicator light
  - detachable 6 foot power cord with hospital grade plug
- Stryker electric footswitch, model 277-703
- Stryker abrader handpiece
- Stryker debrider handpiece
- Stryker cutting tools with sleeves for above handpieces
  - C41285-10, 277-769-415
  - C4886-75, 277-769-415

  - C41086-9, 277-769-516
  - C41285-31, 277-769-516
- Stryker Vista 30° arthroscope, model 344-31, 4 x 147 mm
- Stryker 70° arthroscope, model 344-70, 4 x 150 mm
- variety of trocars and obturators as shown in photo
- hard pac carrying case, 23 x 18 x 5.5 inches

Shipping weight is about 20 pounds.

Arthroscope - $575



List: $1,900. MedCon: VG. Wolf model 8853.45 arthroscope, 70°, 5 x 175 mm

Shipping weight is about 1 pound.

Arthroscope - $576

List: $1,900. MedCon: VG. Wolf model 8853.41 arthroscope, 170°, 5 x 170 mm

Shipping weight is about 1 pound.

Arthroscopic shaver - $1,475

List: $3,935. MedCon: VG. Acuflex Power Systems arthroscopic shaver, catalog no. 014005. Includes tray and 10 foot pneumatic hose.

Overall dimensions of the tray:

- width: 13.25 in.
- depth: 10.25
- height: 1.5

Shipping weight is about 2 pounds.

Arthroscopy power system - $675

List: $4,300. MedCon: VG. Storz SE 075-100 Precision Arthroscopy System. 115 V.

Features:

- variable motor speed dial, low to high for 250 and 1000 rpm ranges
- foot switch included
- power on/off pushbutton with red indicator light
- foot switch and reverse pushbuttons with green indicator lights
- four pin connector for motor
- carrying handle on right side
- 5.5 foot power cord with hospital grade plug

Overall dimensions of the unit:

- width: 11 in.
- depth: 12
- height: 4.75

Shipping weight is about 12 pounds.

Arthroscopy power console - $1,675

List: $8.690. MedCon: VG. Xomed XPS model 2000 MicroResector console (also listed as model 18-96100). 100-240 V, 47-63 Hz.

Features:

- handpiece console on rolling stand with adjustable height iv pole with 4 bag hangers
- Xomed XPS irrigator included; ref. 18-95500; tubing sizes, 1.6-0.5, 3.2, 4.8, 8.0-6.4
- irrigator uses 41-45 VDC from 8-pin connector to console
- 12-pin hand piece connector (hand piece not included)
- 8-pin footswitch connector (footswitch not included)
- 14 foot power cord with hospital grade plug

Overall dimensions of the unit:

- base: 21.5 x 21.5in.
- height: 70.5 (adjustable)

Shipping weight is about 30 pounds.

Arthroscopy power console - $1,675

List: $8,700. MedCon: VG. Xomed XPS model 1895100 MicroResector console. 100, 120.220, 240 (selectable)V, 47-63 Hz.

Features:

- digital display of set speed, actual speed and bar graph
- connectors for three handpieces and selector touch button with active indicator light
- oscillate/forward/reverse rotation selection touch button
- back of unit has adjustable audio and adjustable handpiece controls
- XPS footswitch with variable controls

Overall dimensions of the unit:

- width: 17.5 in.

- depth: 14.25
- height: 4

Shipping weight is about 25 pounds.

Arthroscopy pump - $1,375

List: $$4,900. MedCon: VG. Arthrex Continuous Wave II Arthroscopy pump, model AR-64000. 115 V, 50/60 Hz.

Features:

- on rolling stand with 25 x 25 inch base, 62 inches high, locking casters, built-in IV pole with four hangers
- tubing sensor
- pressure and flow touchpad increase/decrease arrows
- pressure said digital display
- flow bar graph
- power on/standby touchpad button with the indicator lights

Overall dimensions of the console:

- width: 14.5 in.
- depth: 11.5
- height: 5

Shipping weight is about 45 pounds.

Arthroscopy pump - $675

List: $2,475. MedCon: VG. Stryker Orthotec fluid pump, model 203. 120 V, 60 Hz.

Features:

- tubing on side is for pneumatic hand switch; switch not included

- carrying handle
- power on/off rocker switch with green indicator light
- 14.5 foot power cord with Luer lock plug

Overall dimensions of the unit:

- width: 6.25 in.
- depth: 11.25
- height: 7.5

Shipping weight is about 30 pounds.

Arthroscopy shaver system - $2,750

List: $14,700. MedCon: VG. Stryker TPS irrigation console with footswitch and 12K shaver. 100-120 V, 50/60 Hz; 220-240 V, 50 Hz.

Features:

- the console uses the 12K shaver at up to 9000 rpm
- variable speeds, up to 75,000 rpm for a high speed drill
- hand piece and foot switch connectors on front panel with appropriate icons
- footswitch included
- touch screen sets and program editing and storage
- multiple hand piece capability
- Quick Reference Guide attached to top of console

Overall dimensions of the unit:

- width: 12 in.
- depth: 12
- height: 7

Shipping weight is about 20 pounds.

Arthroscopy shaver - $750

List: $2,800. MedCon: VG.

Stryker 12K Shaver, model 275-701-500. 4-pin connector fits TPS power console.

Shipping weight is about 3 pounds.

Small joint shaver - $825

List: $3,300. MedCon: VG.

Stryker small joint Shaver, model 275-601-500 with 10 foot cable. 4- pin connector fits TPS power console.

Shipping weight is about 3 pounds.

Arthroscopy pump - $1,275

List: $4,650. MedCon: VG. Stryker Arthroscopy pump, ref. 350-357-000/A02. 100-240 V, 50-60 Hz.

Features:

- touchpad mode buttons with knee, hip and hand icons for using preset pressure and flow protocols
- peristaltic pump with flow arrows mounted on front of instrument
- infusion rate; 0.1-2.0 L/min
- pressure; 0-150 mm Hg
- green LED digital display windows for set and actual pressure and flow rate
- connector for pneumatic foot switch
- power on/off rocker switch with green indicator light

Overall dimensions of the unit:

- width: 14.25 in.
- depth: 13.5
- height: 5.75

Shipping weight is about 25 pounds.

Arthroscopic power unit - $1,375

List: $6,200. MedCon: VG. Coherent Medical Group Arthroscopic unit, ref. 0636-470-01. 100/115/230 V, 50/60 Hz.

Features:

- hand piece connector
- foot switch connector
- intensity dials for hand piece and pump
- power on/off rocker switch with green indicator light
- foot switch, p/n 0636-468-01 included
- July 1999 manufacture

Overall dimensions of the unit:

- width: 13.5 in.
- depth: 14.5
- height: 5.75

Shipping weight is about 35 pounds.

Stryker laparoscopes - $975 each

List: $3,100. MedCon: VG. Stryker model 377-31. 4 x 140 mm. 30°.

Shipping weight is about 1 pound. 3 units in stock.

Video camera and controller - $1,375 each

List: $7,300. MedCon: VG. Smith + Nephew Dyonics Digital video camera system. 120 V, 50/60 Hz. Two units with slightly different cameras are shown.

Features:

- camera head 01618 (catalog no. 7204578) with 27 pin connector; second unit has camera catalog no. 7204566 with coupler 4466
- LED message window with menu options
- auto or manual shutter control with light intensity bar graph
- color bars and white set pushbuttons
- power on/off rocker switch with green indicator light
- I/O panel has 2 Y/C outs, 2 coaxial video outs, light source out and VBS, comm ports, character generator and accessory connectors SW1 and SW2

Overall dimensions of the unit:

- width: 17.25 in.
- depth: 17
- height: 3.25

Shipping weight is about 20 pounds. 2 units in stock.

Video camera and controller - $1,375

List: $6,400. MedCon: VG. Smith & Nephew Richards Vista Vision II video camera. 120 V, 50/60 Hz.

Features:

- camera head VV2H-0093 with 19 pin connector

- auto and normal gain controls
- white set, color bars and camera function selector
- Y-C out and coaxial video 1 and 2 out
- pull-out instructions card
- power on/off rocker switch with green indicator light

Overall dimensions of the unit:

- width: 16.5 in.
- depth: 11.5
- height: 3.25

Shipping weight is about 15 pounds.

Video camera and controller - $1,375

List: $6,700. MedCon: VG. Smith + Nephew DyoCam 750 video camera. 120 V, 50/60 Hz.

Features:

- one Dyonics Dyocam 750 video camera head with an 11 foot cable, slot connector and no. 3345 coupler
- connectors for two cameras; A and B toggle
- white set, color bars and camera function selector with presets
- diagnostics indicator lights
- I/O port has connectors for character generator, Dynomaster comm, Y-C out, RGB and sync out, coaxial video 1 and 2 out, ABI out, ABI comm, VBS and accessory connectors SW1 and SW2
- pull-out instructions card
- power on/off rocker switch with green indicator light

Overall dimensions of the unit:

- width: 16.5 in.
- depth: 12.25
- height: 4

Shipping weight is about 20 pounds.

Video camera head and coupler - $975 each

List: $3,200. MedCon: G. Dyonics Dyocam 750 video camera heads. These are video cameras with an 11 foot cable and slot connector for controllers such as the Smith + Nephew Dyonics DyoCam 750. We have the following available: 2 ea. with no. 3345 coupler, 1 ea. with no. 4173 coupler, 2 ea. without couplers and one model DyoCam 700.

Shipping weight is about 2 pounds.

Arthroscopy shaver handpiece - $975

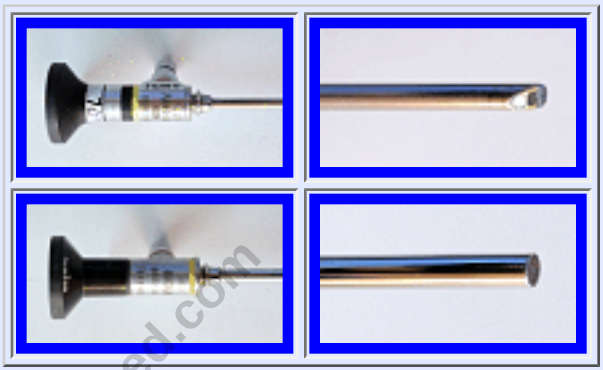
List: $3,500. MedCon: VG. Dyonics PS3500 arthroscopy shaver handpiece. 7.5 foot cable with 7 pin connector.

Shipping weight is about 2 pounds.

Wolf arthroscope set - 1,475 the set

List: $3,400. MedCon: VG. Wolf model 8880.435 70° Panoview Plus, 4 x 177 mm and Wolf model 8851.42 25° Panoview , 5 x 170 mm.

pemed.com
© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue
Denver, Colorado 80207
USA
Telephone (303) 393-7800
FAX (303) 393-1482
http://www.pemed.com
email: markz@pemed.com



Shipping weight is about 1 pound.

Arthroscopy shaver system - $2,275

List: $12,300. MedCon: VG. Stryker SE5 arthroscopy system. 100-120 V, 50/60 Hz.

Features:

- console has connectors on front for footswitch, Quadracut handpiece, and small joint handpiece (SE5 footswitch with forward and reverse pedals and SE5 Quadracut hand piece included)
- connectors have indicator lamp to verify proper connection
- LED digital display of preset and actual speeds
- preset speed with up/down arrow buttons
- high, low and oscillatory modes
- power on/off pushbutton with green indicator light

Overall dimensions of the unit:

- width: 9.5 in.
- depth: 14.5
- height: 5.25

Shipping weight is about 20 pounds. 3 units in stock equipped as shown above.

We also have the above system, except with an additional small joint handpiece, $2,875.

Arthroscopy shaver handpiece - priced as shown

List: $4,300. MedCon: VG. Stryker Quadra Cut shaver handpiece

	SE5 Quadra Cut handpiece (with controls on handpiece)	$1,375
	Quadra Cut small joint handpiece compatible with SE5 console	$1,475
	older model Quadra Cut handpiece compatible with SE5 console 4 units in stock	$975

Shipping weight is about 10 pounds each.

Arthroscopy power console - $975

List: $5,900. MedCon: VG. Concept IntraArc model 9963 power console. 100/120 V, 50/60 Hz.

Features:

- small, low, medium, and high speed ranges
- normal and oscillating modes
- LED digital display of rpm plus bar graph
- connectors for large (15-pin) and small (jack) handpieces
- touch or continuous control of handpieces
- power on/off rocker switch with green indicator light
- system remote connector on back of console

Overall dimensions of the unit:

- width: 17 in.

- depth: 12
- height: 6.5

Shipping weight is about 20 pounds.

Arthroscopy power console - $975

List: $5,850. MedCon: VG. Smith & Nephew Richards Essential shaver system. 117 V.

Features:

- speed set dial to 3000 rpm
- 12-pin connector for handpiece
- forward/oscillate toggle switch
- connector for pneumatic footswitch
- power on/off rocker switch with green indicator light

Overall dimensions of the unit:

- width: 10.25 in.
- depth: 9.5
- height: 4.5

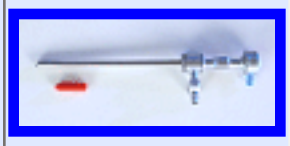
Shipping weight is about 15 pounds.

Arthroscopy cannula - $175 each, or 6 for $975

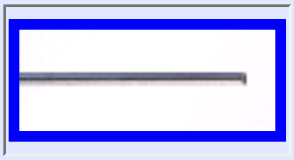
List: $755 each. MedCon: VG. Wolf cannulae as shown.

Wolf 8865.02
5 mm outer diameter
130 mm working length

4 in stock

		Wolf 8885.01 5.4 mm outer diameter 115 mm working length
		Wolf 8658.074 9.5 mm outer diameter 190 mm working length 2 sets of five each
		Wolf 8658.084 7.5 mm outer diameter 195 mm working length

Needle arthroscope, 2.2 mm diameter - $1,475



List: $6,700. MedCon: VG. Dyonics Needlescope. Fiber optic light source connector on side. Needle is 2.2 x 103 mm.

Angle appears to be about 10-20 °.

Shipping weight is about 5 pounds.

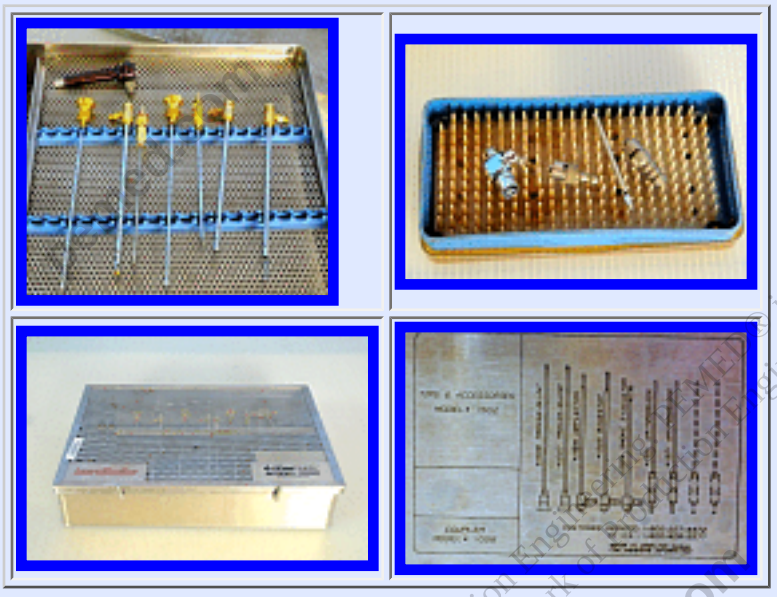
Arthroscopy set - $1,975

List: $8,300. Lasersonics model 2000 arthroscopy kit, arthroguide series. made of high quality surgical grade stainless steel, which appears to be gold plated.

Set contains the following instruments:

- trocar, blunt, 1508
- trocar, sharp, 1507
- deflector, 1506
- backstop, 1505
- smoke Evacuator, 1504

- arthroguide, 1501, two units
- tips and accessories, model 1502
- coupler, model 1008



Shipping weight is about 20 pounds.

Arthroscopy system - $6,750

List: $41,000. MedCon: VG. Concept cabinet with two pull-forward shelves, three stationary shelves, storage drawer, twin file bins for holding operating manuals, four locking casters, bottom bumpers, cord wrap and power bar with six AC outlets. System new in 1998.

System includes 2 camera heads and 2 scopes: dyonics 30 degree 4mm.

The cabinet is equipped with the following components (120 VAC) for two camera capability:

	Sony PVM-20M2MDU Trinitron color video monitor
	monitor controls

	Arthroscopy scope with video camera, 2nd camera in supply drawer
	Smith + Nephew/Dyonics 3-chip video camera system, Catalog no. 7205292 Smith + Nephew/Dyonics xenon XL light source, catalog no. 7205253 with Acmi, Olympus, Storz and Wolf coupling options
	Smith + Nephew/Dyonics 3-chip video camera system, Catalog no. 7205292 Sony Mavigraph UP-5650MDU/N color video printer
	supplies drawer

Overall dimensions of the unit:

- width: 28 in.
- depth: 28.5
- height: 68

Shipping weight is about 600 pounds.

Arthroscopy system - $6,750

List: $42,500. MedCon: VG. Concept cabinet with two pull-forward shelves, three stationary shelves, storage drawer, twin file bins for holding operating manuals, four locking casters, bottom bumpers and cord wrap. System new in 1998.

System includes 3 camera heads and 2 scope, dyonics 30 degree 4mm.

The cabinet is equipped with the following components (120 VAC) for two camera capability:

	Sony PVM-20M2MDU Trinitron color video monitor
	monitor controls
	Arthroscopy scope with video camera
	Smith + Nephew/Dyonics 3-chip video camera system, Catalog no. 7205292 Smith + Nephew/Dyonics xenon XL light source, catalog no. 7205253 with Acmi, Olympus, Storz and Wolf coupling options
	Dyonics AutoBrite Illuminator II light source, catalog no. 3180 Smith + Nephew/Dyonics digital video camera system, catalog no. 7204562
	supplies drawer

Overall dimensions of the unit:

- width: 28 in.
- depth: 28.5
- height: 68

Shipping weight is about 600 pounds.

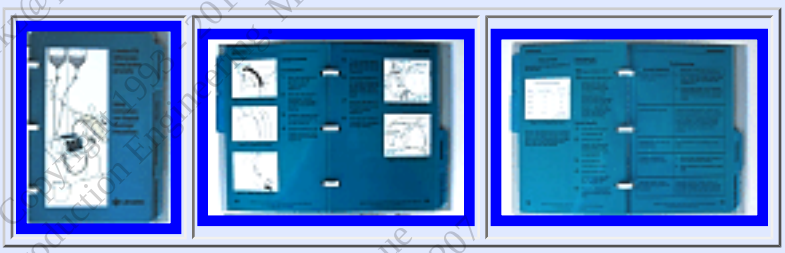
Arthroscopy pump - $975

List: $11,250. MedCon: EX. Linvatec 87K arthroscopy pump. 120 V, 50/60 Hz.

Features:

- maintains selected pressure and fluid flow rate independently of each other
- pressure set between 5 and 100 mm Hg automatic back-up pressure relief valve
- three flow rate ranges between 0 and 1350 ml/min --
  - high, up to 1350, can accommodate high suction equipment
  - medium, up to 405, debris removal
  - low, up to 135, diagnostic procedures
- digital pressure display and flow rate and pressure bar graphs
- touch pad sets
- uses disposable cassette tube set, product no. 87100
- audible alarm for overpower
- set-up guide and instruction manual included
- instruction manual describes appropriate pressure-sensing scope sheath sets from various manufacturers

Operation manual



Sample pages from the setup guide

Overall dimensions of the unit:

- width: 14 in.
- depth: 14
- height: 8.5

Shipping weight is about 40 pounds.

Arthroscopic generator - $1,475

pemed.com
© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue
Denver, Colorado 80207
USA
telephone (303) 393-7800
FAX (303) 393-1482
http://www.pemed.com
email: markz@pemed.com

List: $12,300. MedCon: VG. Arthrocare electro surgical system, model 2000. 100-240 V, 50/60 Hz.

Features:

- connectors for hand piece and footswitch
- touchpad arrows to set output
- adjustable audio volume
- power on/off rocker switch

Overall dimensions of the unit:

- width: 12 in.
- depth: 16
- height: 5.75

Shipping weight is about 20 pounds.

Arthroscopy pump - $675

List: $2,300. MedCon: VG. Storz continuous flow pump, model 27224P. 117 V, 50/60 Hz.

Features:

- pump speed control dial
- power on/off rocker switch with indicator light
- carrying handle.
- cord wrap

Overall dimensions of the unit:

- width: 9 in.
- depth: 12
- height: 7

Shipping weight is about 20 pounds.

---

pemed.com
© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue
Denver, Colorado 80207
USA
telephone (303) 393-7800
FAX (303) 393-1482
http://www.pemed.com
email: markz@pemed.com

Arthroscopy shaver - $750

List: $4,200. MedCon: VG. Smith + Nephew/Dyonics PS3500EP Arthroscopy surgical system. 120 V, 50/60 Hz.

Features:

- dial to switch between PS3500EP/PS3500, Mini and Universal probes, each with their individual connection ports
- LED windows show maximum, minimum and set speeds with push buttons for setting faster and slower speeds
- vertical bar graph indicates relative speed within selected range
- diagnostics window
- power on/off rocker switch with green indicator lamp
- built-in troubleshooting card and User's Manual included
- footswitch connector on front of instrument (footswitch not included)

Overall dimensions of the unit:

- width: 16.5 in.
- depth: 12
- height: 4.75

Shipping weight is about 25 pounds.

Arthroscopy power system - $2,750

List: $14,500. MedCon: VG. Stryker SE5 arthroscopy system. 120 V, 60 Hz.

Features:

- SE5 shaver included
- indicator lights for power on and mode selected
- hand piece and foot switch connectors on front panel with appropriate icons
- set speed is show in digital window and adjusted by touch pad arrows
    - low speed to 3000, adjustable by 300 rpm increments
    - high speed to 6000, adjustable by 600 rpm increments
    - oscillating speed to 1800, adjustable by 300 rpm increments
- foot switch 270-703 included

Overall dimensions of the unit:

- width: 9.5 in.
- depth: 14.5
- height: 5

Shipping weight is about 30 pounds.

Arthroscopy shaver system - $975

List: $12,750. MedCon: VG. Stryker TPS endoscopy system, ref. 5100-1.100-120 V, 50-60 Hz.

Features:

- TPS two-pedal foot switch, ref 275-701-400
- variable speeds, up to 75,000 rpm for a high speed drill
- hand piece and foot switch connectors on front panel with appropriate icons
- touch screen sets and program editing and storage
- integrated irrigation option
- multiple hand piece capability
- Quick Reference Guide attached to top of instrument

sample pages from Quick Reference Guide

Overall dimensions of the unit:

- width: 11.75 in.

- depth: 10.75
- height: 7

Shipping weight is about 25 pounds. 2 units in stock.

Arthroscopy fluid management system - $1,275 each

List: $8,240. MedCon: VG. Dyonics/Smith+Nephew Intellijet Arthroscopy fluid management system. 100-120 V, 50/60 Hz.

Features:

- high inflow and outflow for uniform joint distention and clear visualization
- can communicate with a Dyonics power Shaver system for refined fluid control
- 2 level sensors on adjustable height pole for fluid bags
- supply drawer
- RS-232C connector
- 3-socket power bar
- cord wrap

Overall dimensions of the console:

- width: 16.5 in.
- depth: 11.25
- height: 6

Overall dimensions of the unit:

© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue Denver, Colorado 80207 USA Telephone (303) 393-7800 FAX (303) 393-1482 http://www.pemed.com email: markz@pemed.com
pemed.com

- width: 20 in.
- depth: 22
- height: 74.5

Shipping weight is about 160 pounds. 2 units in stock.

Arthroscopy pump - $1,375 each

List: $6,532. MedCon: VG. Wolf model 2202 arthroscopy pump. 100-240 V, 50/60 Hz.

Features:

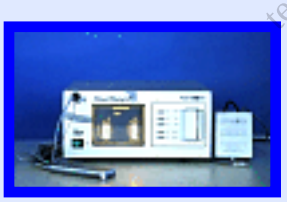
- digital display of set pressure, set flow and actual pressure with touch pad arrows for setting
- tubing threads through peristaltic pressure plates on front of instrument for continuous observation
- last used settings may be stored
- footswitch connector on back

Overall dimensions of the unit:

- width: 14 in.
- depth: 13.5
- height: 6

Shipping weight is about 30 pounds. 2 units in stock

Arthroscopy pump - $1,475



List: $7,325. MedCon: EX. Biomet/Arthrotek Power Pump II, model 906030R. 120 V, 50/60 Hz. 200 W

Features:

- digital and graph displays of flow (100-800 ml/min) and distention pressure (0-160)
- Power Pump 800 shaver interface included

- pump cartridge (not included) attaches to front of instrument
- push buttons to set pressure and flow
- push button controller pad included

Overall dimensions of the unit:

- width: 16 in.
- depth: 18
- height: 8

Shipping weight is about 70 pounds.

Arthrotome power console - $875

List: $4,870. MedCon: VG. Amsco/Hall arthrotome power console. 120 V, 60 Hz.

Features:

- 25 Watt output
- 5-speed control
- rotate and rotate/oscillate modes
- battery charge indicator

Overall dimensions of the unit:

- width: 10 in.
- depth: 6
- height: 8

Shipping weight is about 25 pounds.

© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
pemed.com
6035 E. 38th Avenue Denver, Colorado 80207 USA telephone (303) 393-7800 FAX (303) 393-1482 http://www.pemed.com email: markz@pemed.com

Arthroscopy power unit - $375

List:2,145. MedCon: VG. Dyonics Model 40.Uses battery charger.

Overall dimensions of the unit:

- width: 10 in.
- depth: 8.5
- height: 5.5

Shipping weight is about 35 pounds.

Arthroscopy power unit - $575 each

List: $4,300. MedCon: VG. Dyonics Model 85.Uses battery charger.

Overall dimensions of the unit:

- width: 10 in.
- depth: 8.5
- height: 5.5

Shipping weight is about 35 pounds. 2 units in stock

3M Arthroscopy pump - $475 each

List: $6,540. MedCon: EX. 3M model 87000 arthroscopy pump. Uses peristaltic pump action to precisely control fluid flow and volume.

Features:

- digital controlled distension pressure
- digital display of distension pressure, both set and actual

- display of flow
- uses disposable cassette, also can use tubing through

Shipping weight is about 50 pounds each. 3 units in stock.

Arthroscopy pump - $675 each

List $4,400. MedCon: EX. 3M model 8300 arthroscopy pump.

Features:

- all digital controls
- peristaltic type pump mechanism
- wired for 120 VAC 50/60 Hz
- digital display of actual and set point for distention pressure, mm Hg
- digital display of flow rate, ml / min
- setting for standard or small joint systems

2 units in stock. Shipping weight is about 65 pounds each

© Copyright 1993 - 2013 by Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved. Contact PEMED for license requests. The usual copyright notices and disclaimers. Except for search engines or link listing, no part of this website, including derived information, may be republished without express written permission and payment of fees.

Production Engineering - Medical Equipment Division

6035 E. 38th Avenue, Denver, Colorado 80207 USA (303) 393-7800 FAX (303) 393-1482

pemed.com
© Copyright 1993 - 2012 by PEMED / Production Engineering. PEMED® is a registered trademark of Production Engineering. MedCon is also a trademark of Production Engineering. All rights reserved.
6035 E. 38th Avenue
Denver, Colorado 80207
USA
telephone (303) 393-7800
FAX (303) 393-1482
http://www.pemed.com
email: markz@pemed.com